

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 5    | ("4186881" "6138926" "6279838" "6279848" "6439475").PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/22 09:07 |
| S2    | 2    | ("2213465").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/25 13:37 |
| S3    | 0    | ("052355").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/22 09:08 |
| S4    | 1    | ("2001052355").PN.                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/22 09:08 |
| S5    | 1    | ("3842243").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/22 09:08 |
| S6    | 0    | ("783436").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/22 09:09 |
| S7    | 4    | ("783436").PN.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:12 |
| S8    | 2    | ("7021583").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:18 |
| S9    | 0    | 239/195.cclas   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:18 |
| S10   | 88   | 239/195.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:24 |
| S11   | 21   | pump and S10  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:34 |
| S12   | 95   | 239/197.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:41 |
| S13   | 658  | 239/67,69.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/05/22 09:41 |
| S14   | 658  | 239/67,69.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO             | OR               | ON      | 2006/05/22 10:21 |

## EAST Search History

|     |         |  |                                 |    |    |                  |
|-----|---------|--|---------------------------------|----|----|------------------|
| S15 | 623     | 239/407,419.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 10:51 |
| S16 | 666     | 239/433.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:22 |
| S17 | 1274    | pressure adj washer  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:16 |
| S18 | 1623229 | gas  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:17 |
| S19 | 298     | S17 and S18  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:17 |
| S20 | 219     | S19 and water  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:18 |
| S21 | 0       | S20 and (v)lave same gas same water)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:17 |
| S22 | 101034  | gas same (water or liquid or fluid) same valve   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:19 |
| S23 | 58      | S22 and S17  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 11:19 |
| S24 | 760     | 239/124.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 13:03 |
| S25 | 829     | 239/525,530,532.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 13:33 |
| S26 | 403     | 239/588.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 13:51 |
| S27 | 240     | 239/351,369.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/05/22 13:51 |
| S28 | 9       | ("0561483"   "2792258"   "2843137"  <br>"3961754"   "4278132").PN. OR<br>("6138926").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | ON | 2006/05/22 14:09 |
| S29 | 0       | ("2005/0279865").URPN.   | USPAT                           | OR | ON | 2006/05/22 15:12 |
| S30 | 232     | 239/413.ccls.  | USPAT                           | OR | ON | 2006/05/22 15:12 |
| S31 | 245     | 239/413.ccls.  | USPAT;<br>EPO; JPO              | OR | ON | 2006/05/22 15:12 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S32 | 40    | (US-20050011968-\$ or US-20040061000-\$ or US-20050284951-\$ or US-20050145270-\$ or US-20040140376-\$ or US-20050279865-\$).did. or (US-6439475-\$ or US-6279848-\$ or US-6279838-\$ or US-6138926-\$ or US-4186881-\$ or US-7021583-\$ or US-6857583-\$ or US-6234409-\$ or US-6164560-\$ or US-6027320-\$ or US-5906226-\$ or US-5816499-\$ or US-5588593-\$ or US-4553702-\$ or US-6394365-\$ or US-5988531-\$ or US-4824022-\$ or US-6068003-\$ or US-6892957-\$ or US-6779745-\$ or US-6056207-\$ or US-5381962-\$ or US-5116425-\$ or US-3705689-\$ or US-5064123-\$ or US-4200233-\$).did. or (US-2981308-\$ or US-6824071-\$ or US-6425533-\$ or US-5829681-\$ or US-5390854-\$ or US-4005825-\$ or US-1450000-\$).did. or (GB-2213465-\$). did. | US-PGPUB;<br>USPAT;<br>EPO                            | OR | ON | 2006/05/22 15:45 |
| S33 | 11    | psi and S32   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 12:59 |
| S34 | 220   | psi and (pressure adj washer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 13:39 |
| S35 | 1     | ("5,086,975").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 13:37 |
| S36 | 1     | ("5,086,975").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 13:37 |
| S37 | 7     | ("2,687,693" "2,804,516" "2,910,003" "3,794,789" "4,861,231" "5,064,347").PN.   | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 13:38 |
| S38 | 27    | "40" near psi and (pressure adj washer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 13:39 |
| S39 | 27    | ("40" near psi) and (pressure adj washer)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/05/25 14:07 |
| S40 | 16433 | gas same liquid same (control adj valve)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO             | OR | ON | 2006/05/25 14:08 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| S41 | 1277 | pressure adj washer  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 14:08 |
| S42 | 11   | S40 and S41  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 14:13 |
| S43 | 6998 | S40 and 239/ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 14:13 |
| S44 | 0    | S40 and 239/ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 14:13 |
| S45 | 120  | S40 and "239".clas.  | US-PGPUB;<br>USPAT;<br>EPO; JPO                       | OR | ON | 2006/05/25 14:14 |
| S46 | 9    | ("0561483"   "2792258"   "2843137"  <br>"3961754"   "4278132").PN. OR<br>("6138926").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/05/25 14:21 |
| S47 | 2    | ("2792258").URPN.  | USPAT   | OR | ON | 2006/05/25 14:22 |
| S48 | 19   | ("3680786"   "3940065"   "4135669"  <br>"4828177"   "4848659"   "4865255"  <br>"4967960"   "5064123"   "5419497"  <br>"5622319"   "5752661"   "5816499"  <br>"6047898"   "6070808").PN. OR<br>("6279838").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/05/25 14:22 |
| S49 | 45   | (US-20050145270-\$ or US-20040124287-\$<br>or US-20050284951-\$ or<br>US-20040140376-\$ or US-20050011968-\$<br>or US-20040061000-\$ or<br>US-20050279865-\$).did. or (US-5381962-\$<br>or US-6892957-\$ or US-6439475-\$ or<br>US-6279838-\$ or US-6138926-\$ or<br>US-4186881-\$ or US-6279848-\$ or<br>US-5988531-\$ or US-4824022-\$ or<br>US-6779745-\$ or US-6068003-\$ or<br>US-6234409-\$ or US-4553702-\$ or<br>US-6164560-\$ or US-6027320-\$ or<br>US-6857583-\$ or US-7021583-\$ or<br>US-5816499-\$ or US-6056207-\$ or<br>US-6478240-\$ or US-6394365-\$ or<br>US-5588593-\$ or US-1450000-\$ or<br>US-5906226-\$ or US-5897297-\$ or<br>US-6425533-\$).did. or (US-5116425-\$ or<br>US-3705689-\$ or US-5390854-\$ or<br>US-5064123-\$ or US-4200233-\$ or<br>US-2981308-\$ or US-6824071-\$ or<br>US-4005825-\$ or US-5829681-\$ or<br>US-5964409-\$).did. or (US-2792258-\$).<br>did. or (GB-2213465-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO                  | OR | ON | 2006/06/07 09:16 |
| S50 | 1    | different adj pressure and S49   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/06/07 09:17 |